

| ID # | Plan/Policy Title | Type of Initiative | Description | Timeline | Link | Current Status |
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| GREENHOUSE GAS EMISSIONS | | | | | | |
| 1 | Develop Climate Action Plan | Plan | With the assistance of the international non-profit ICLEI--Local Governments for Sustainability, DDOE will engage citywide stakeholders in the development of a Climate Action Plan to set greenhouse reduction goals and identify mitigation and adaption measures for the District. | 12/31/2009 | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | In Progress |
| 2 | Create a Regional Climate Plan | Plan | The Metropolitan Washington Council of Government's (MWCOC) Climate Committee contributed to a regional Climate Report that established a greenhouse gas (GHG) emissions inventory baseline and reduction goals and targets for the region. The Climate Committee will work with the jurisdictions to implement a workplan to enhance the region's capacity to better coordinate, implement and encourage strong climate and energy policies and actions. | | http://www.mwcog.org/environment/air/ | Complete |
| 3 | Conduct Greenhouse Gas Inventory | Policy | With the assistance of the international non-profit ICLEI--Local Governments for Sustainability, DDOE will develop a baseline assessment of the greenhouse gas emissions from District Government operations and community-wide sources. The 2006 baseline will allow the District to establish greenhouse gas reduction targets and monitor progress. | 6/30/2009 | | Complete |
| 4 | Conduct Natural Gas Trust Fund Awareness Campaign | Policy | Promote programs funded by the Natural Gas Trust Fund through media and paid advertising on TV, radio and signage. | Fall 2010 | | Complete |
| 5 | Replace Chillers in public housing developments | Existing Condition | DCHA removes existing centrifugal and screw chillers and replaces them with energy efficient on-demand modular chiller packages in 12 public housing developments. | | http://www.dchousing.org/default.asp?docID=237&Title=DISTRICT%20OF%20COLUMBIA%20HOUSING%20AUTHORITY%20AMERICAN%20RECOVERY%20AND%20REINVESTMENT%20ACT%20PUBLIC%20HOUSING%20CAPITAL%20FUNDING&PostDate=Friday,%20March%2027,%202009&TypeName=NEWS&typeID=9&category=ABOUT%20DCHA&catID=5&topic=&topID= | Complete |
| RENEWABLE ENERGY | | | | | | |
| 1 | Expand Biofuels Training | Policy | DOES will expand training in biofuels collection and processing. | | | |

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| 2 | Install Solar Panels on Public Schools | Existing Condition | Explore non-profit partnerships, grants, and third-party financing to install solar plans on a cadre of schools in order to reduce fixed costs and infuse student curriculum with hands-on learning opportunities. | 8/1/2009 | | In Progress |
| 3 | Coordinate Future Electricity and Renewable Energy Purchases | Policy | Like the existing DC Municipal Aggregation Program, DDOE will coordinate the formation of a new group of electric customers to buy electricity at a reduced rate and require a minimum of 10% renewable energy supply. | 40179 | http://ddoe.dc.gov/ddoe/cwp/view,a,1209,q,498333.asp | No longer relevant |
| 4 | Coordinate Electricity and Renewable Electricity Purchases | Policy | District Government electric customers aggregate or group their accounts to obtain lower electricity supply rates. The DC Municipal Aggregation Program has resulted in two successful contracts for the District Government, in 2004 a 24-month contract saved \$5.4 million included a 5% renewable energy requirement. In 2006, the District contracted for 36 months, saving \$30 million over tariff with including a 10% renewable energy requirement. Participants included OPM and independent agencies including the University of the District of Columbia, The Walter E. Washington Convention Center, the Sports and Entertainment Commission and DDOT's traffic signal and streetlight accounts. | | http://green.dc.gov/green/cwp/view,a,1244,q,463844.asp | Complete |
| 5 | Expand Renewable Energy Incentives | Policy | DDOE provides a rebate for onsite renewable energy generation in the amount of \$3/watt for the first 3000 watts (W) or W-equivalent, \$2 for the following 7000 watts (W) or W-equivalent and \$1 for the following 10,000 watts (W) or W-equivalent. This program is funded at \$2 million/fiscal year through 2012. The program covers solar photovoltaic, solar thermal water and space heating, geothermal, small wind, biomass and methane-recovery systems on residences, businesses and institutions. | 9/30/2009 | http://green.dc.gov/green/cwp/view,a,1244,q,461324.asp | Complete |
| 6 | Implement Renewable Energy Portfolio Standard (RPS) | Policy | The Clean and Affordable Energy Act of 2008 increases the amount of renewable energy the District is required to purchase as part of its overall power purchases. A minimum of 4.5 percent of total electricity must be from renewable sources, with the requirement growing to 20 percent by 2020. By 2020, at least 0.4 percent of the total energy mix must come from solar energy. | | http://www.dcpsc.org/Electric/Renewable.asp | In Progress |
| 7 | Install Advanced Digestion and Produce Renewable Energy | Existing Condition | DC Water will install an anaerobic digester system to convert sewage organic matter to methane gas that can be burned to produce 10 megawatts of clean, renewable energy. Methane production at Blue Plains will reduce energy consumption and the carbon footprint (greenhouse gas emissions) of the facility by approximately one-third. | Winter 2014 | http://www.dewater.com/news/presskits/Digester/GreenerBluePlains.cfm | In Progress |
| 8 | Install Solar Panel at Sousa MS | Existing Condition | OPEFM managed the installation of solar panels at Sousa MS. | Summer 2009 | http://www.standardsolar.com/blog/?tag=sousa-middle-school | Complete |

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| 9 | Install Solar Panels at Deal MS | Existing Condition | OPEFM managed the installation of solar panels at Deal MS. | Spring 2009 | | Complete |
| 10 | Install solar panels at rail yards | Existing Condition | WMATA has completed the design for this project and plans to install solar panels at rail yards. | | http://www.subchat.com/read.asp?id=245721 | No longer relevant |
| 11 | Extend the Municipal Aggregation Program | Policy | Allow municipal services to aggregate their buying power to efficiently purchase renewable energy. | | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | Ongoing |
| 12 | Install Solar Panels on Public Schools | Existing Condition | DDOE, the Office of Public Education Facilities Modernization (OPEFM) and DCPS will use a variety of funds to install solar electric systems on District schools, and to integrate lessons on these renewable energy systems into the curriculum. | Fall 2010 | | Ongoing |
| 13 | Develop Sustainable Initiative Projects (non-Modernizations) | Existing Condition | OPEFM maintains a goal to pursue sustainable elements at individual schools scheduled for later modernization dates with the following initiatives: solar panel, wind turbine, and green roof installations. Specific goals for square footage of green roof installation and kW of renewable energy installations are TBD. | | | Ongoing |
| 14 | Purchase renewable energy at UCC data center | Policy | OCTO seeks to do a renewable energy project to offset additional energy demands at the Unified Communications Center once OCTO's data center moves in. | Winter 2010 | | |
| 15 | Purchase Renewable Energy for District buildings | Policy | Currently 10% of the energy for District buildings comes from renewable sources; mainly wind and hydropower. DRES aims to increase energy purchases to 25% renewables. | On-going | | Complete/ Ongoing |
| DATABASING AND AUTOMATION | | | | | | |
| 1 | Conduct "Thin Client" Computer Pilot | Existing Condition | OCTO will conduct a pilot program using low-energy consuming "thin clients" to select District agencies and DCPS students. Thin clients are computers that have less features and functions and use less energy to operate their hard drive than a regular computer. | Fall 2009 | | |
| 2 | Employ auto shutdown for District PCs | Existing Condition | OCTO currently has auto-shutdown enabled on approximately 2,500 District government PCs. We will expand this to 95% of PCs under management (approximately 38,000 assuming all PC support comes over to OCTO). | Spring 2010 | | |
| 3 | Move all District PC desktop support to OCTO | Policy | Some District agencies have already moved their personal computer (PC) operations under OCTO management. OCTO will move all PC's to its IT ServUS program in phases to allow better management of District PCs and provide energy savings by allowing coordinated shutdowns. | Winter 2009 | | |
| 4 | Update computer workstations to be more efficient | Policy | Combined with consolidating server locations into two more energy efficient locations, the city is also installing more efficient workstations at new locations and when updating computers. | | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |

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| 5 | Purchase "Green" IT Equipment | Existing Condition | OCTO is currently purchasing "green" servers and will make "green", energy efficient PCs the standard for District purchases as well. | Summer 2009 | http://octo.dc.gov/DC/OCTO/AgencySupport/Policies/Policies,+Guidelines+and+Procedures | In Progress |
| 6 | Virtualize 50% of District Government Servers | Existing Condition | OCTO currently has virtualized approximately 20 percent of servers in its data center. Each agency houses a server, which acts as the agency's computer center. OCTO is virtualizing servers, by housing the central server at OCTO, eliminating individual agency servers and producing significant energy savings. | Winter 2009 | | In Progress |
| 7 | Virtualize 75% of District Government Computer Servers | Existing Condition | OCTO plans to continue its virtualization program to achieve the maximum projected capacity of 75 percent of District servers and further expand energy savings. | Fall 2010 | | In Progress |
| 8 | Business Automation Reform | Existing Condition | MPD will replace current practices regarding paper usage. Internally MPD will move toward using on-line applications and services for reporting and maintaining documents. | Fall 2011 | | Complete |
| 9 | Electronic distribution of MPD Dispatch | Existing Condition | Distribution of the Dispatch has been changed to electronic only so 4,500 copies/day are no longer printed for a savings of 200 cases of paper/year. | Fall 2009 | | |
| 10 | Automate Notary Office | Existing Condition | The Office of Notary Commissions and Authentications is updating all of its processes to enable us to switch from paper-based processes to electronic. | | | In Progress |
| 11 | Develop DC Register Electronic Publication Policy | Policy | As of 2009 the Office of the Secretary is no longer mailing printed books to subscribers, but those who prefer paper can get them. They are also now allowing electronic submissions to the Register. | | http://newsroom.dc.gov/show.aspx/agency/os/section/2/release/15444 | Complete/ Ongoing |
| 12 | Implement Electronic Document Management (EDM) Initiative (Digital Archives Database) | Existing Condition | The Office of the Secretary is hiring a new Administrator of the Office of Public Records and a new Archivist, who will be responsible for creating DC's first repository of electronic public records. | 39995 | http://newsroom.dc.gov/show.aspx/agency/os/section/2/release/12273 | Complete/ Ongoing |
| EQUIPMENT AND DISTRIBUTION | | | | | | |
| 1 | Updating street lighting | Existing Condition | The city is pursuing more efficient lighting fixtures when updating or replacing current units. This will cut down on electricity use and decrease light pollution. | 2050 | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |
| 2 | Improve Energy Efficiency of Anacostia Pump Station | Existing Condition | DC Water's original Anacostia Pump Station was constructed in 1913 and rehabilitated in the 1970s. As part of the replacement of Anacostia Pump Station in 2008, a new building was built with efficient lighting and building energy systems. | 2008 | | Complete |

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| 3 | Improve Pumping at Anacostia Pump Station | Existing Condition | Anacostia PS supplies potable water to customers east of the Anacostia River and has a firm pumping capacity of over 80 million gallons per day. In 2008, New pumping units and motors were installed as part of the Replacement of Anacostia PS under Contract 040230 and pumping is more energy efficient today. | 2008 | | Complete |
| 4 | Improved Lighting and HVAC systems at Bryant Street PS | Existing Condition | Bryant Street PS has a building footprint of approximately 38,000 square feet and has four levels. The interior lighting and HVAC systems at Bryant Street PS were rehabilitated or replaced under Contract 010050 and lighting / HVAC systems are more energy efficient today. | 2006 | | Complete |
| 5 | Improved Lighting and HVAC systems at the Warehouse / Shops Building | Existing Condition | Warehouse / Shops Building has a building footprint of approximately 24,000 square feet and has two levels. The interior lighting and HVAC systems at the Warehouse / Shops Building were rehabilitated or replaced under Contract 010050 and lighting / HVAC systems are more energy efficient today. | 2006 | | Complete |
| 6 | Replace Light Switches | Existing Condition | Replace light switches with motion detectors in seldom used rooms. | | | In Progress |
| 7 | Install High Efficiency Green Lighting | Existing Condition | DPR will install all new lighting at its premier athletic fields. The high efficiency lighting systems use computer technology to adjust the running times and conserve energy. | Ongoing | http://www.dc.gov/mayor/news/release.asp?id=1297&mon=200805 | In Progress |
| 8 | Replace platform lights with LED lighting at Metrorail Stations | Existing Condition | WMATA has upgraded to LED platform lighting at several Metrorail stations and will continue to replace platform lights at additional Metrorail stations when funding is available. | | http://www.wmata.com/about_metro/news/PressReleaseDetail.cfm?ReleaseID=1559 | In Progress |
| 9 | Install energy efficient lighting in Reeves Center | Existing Condition | OPM is maximizing energy efficiency in the Reeves Center by installing energy efficient light bulbs throughout the facility. This effort will reduce light fixture costs by one-third. | | | |
| 10 | Install Photo Sensors/Motion Detectors | Existing Condition | DPR has begun installing photo sensors and motion detectors at to limit time the lights are on. In the last few years, DPR has focused on putting existing athletic lighting onto a centralized operating system. Athletic field lights are programmed to operate with issued use permits. | Spring 2009 | | In Progress |
| 11 | Install Light-emitting Diode Traffic Lights | Existing Condition | DDOT installed over 69,000 energy efficient light-emitting diode (LED) traffic lights on District thoroughfares. The project was included as part of the air quality planning strategy submitted to the U.S. EPA to achieve the National Ambient Air Quality Standards (NAAQS). | | http://ddot.dc.gov/ddot/frames.asp?doc=/ddot/lib/ddot/information/environment/LEDs.pdf | Complete |
| 12 | Create Appliance Rebate Program | Policy | DDOE will hire a company to conduct an Energy Star appliance rebate program for homeowners not eligible for DDOE's Weatherization Assistance Program or other low-income programs. | | http://green.dc.gov/green/cwp/view,a,1244,q,463305.asp | Complete |

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| 13 | Conduct Light Bulb Exchange with Compact Fluorescent Light bulbs | Existing Condition | DDOE will hold outreach events to provide District residents with compact fluorescent bulbs in exchange for incandescent bulbs. The first events took place on 12/12/08 and the program will continue throughout 2009. | | | Complete |
| FINANCING AND EDUCATION | | | | | | |
| 1 | Conduct Environmental Community Workshops | Policy | DDOE and partner agencies will conduct demonstration workshops throughout the DC community that promotes environmental stewardship. | | | Ongoing |
| 2 | Expand Energy Conservation Education in Schools | Policy | Triple number of schools that participate in the Energy Patrol programs coordinated by DDOE, DCPS, and the Alliance to Save Energy. | | | In Progress |
| 3 | Conduct Energy Education in District Schools | Policy | DDOE provides energy education and assessment training for District public school students from elementary to high school age. | | http://ddoe.dc.gov/ddoe/cwp/view,a,1209,g,498515,ddoeNav,%7C31007%7C.asp | Ongoing |
| 4 | Conduct Energy/Environmental Awareness Campaign | Policy | DDOE will promote energy and environmental awareness through community outreach, free media, and paid advertising. | | | Ongoing |
| 5 | Promote Energy Patrol Program in schools | Policy | DCPS, the Alliance to Save Energy and DDOE coordinate the Energy Patrol program that teaches students and faculty to conduct assessments of school energy use and identify waste and introduces them to renewable energy alternatives. | Apr-12 | http://ddoe.dc.gov/ddoe/cwp/view,A,1209,Q,493090.asp | Ongoing |
| 6 | Perform Workplace Energy Conservation Campaign | Policy | OPM will run an educational campaign on energy conservation in the workplace, which will be rolled-out in phases across District agencies, starting with the Wilson Building. | Spring 2009 | http://newsroom.dc.gov/show.aspx/agency/ddoe/section/2/release/17669/year/2009/month/7 | Complete |
| 7 | Educate public employees on energy efficient habits | Policy | Educate public employees to build better energy consumptive habits, including turning off lights, shutting down computers and other common sense energy conservation behavior. Behaviors can be incentivized with agency awards, competitions, etc. | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | Complete |
| 8 | Train staff in energy efficient habits | Policy | The city is offering staff training programs to encourage habits that reduce plug load and | 2020 | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | Ongoing |
| BUILDINGS AND CONSERVATION | | | | | | |
| 1 | Encourage advanced building management systems and commissioning | Policy | The city is using ARRA funding along with State Energy Program and Energy Efficient and Conservation Block Grant program funds to offer resources for audits and energy efficient capital improvement projects | | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |
| 2 | Lease energy efficient spaces | Regulation | The DRES rents a lot of its space for personnel so when leases expire, the agency is pursuing new leases in more energy efficient spaces | 10 years | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |

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| 3 | Energy Managements Plans for Existing Buildings and Small Projects | | The DRES has created a design guideline that provides details on how to monitor, plan for, build and manager energy systems and usage, including HVAC, passive energy, renewable energy and equipment (lighting, hot water, appliances). | | http://dres.dc.gov/DC/DRES/Programs/Existing%20Buildings%20&%20Small%20Projects%20Sustainable%20Design%20Guide%202011.pdf | |
| 4 | Perform cost/benefit analysis of projects to save money | Existing Condition | Assess and evaluate improvements costs based on performance and financial benefits over time | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | |
| 5 | Identify key improvements with maximum benefits per dollar | Existing Condition | Invest in strategic buildings improvements that produce best energy savings results for money invested | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | |
| 6 | Track building performance | Existing Condition | Monitor buildings closely pre and post energy efficiency improvements and projects | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | |
| 7 | Weatherize public buildings | Existing Condition | Find air leaks, energy inefficiencies and stop them with precise weatherization of entire building envelope | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | |
| 8 | Reduce inefficiencies in public buildings | Existing Condition | Find inefficient lighting, for example, and other energy drains and replace them with newer technologies, off switches, motion sensors | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities for Energy Improvement.pdf | |
| 9 | Upgraded Energy Efficiency of Windows & Doors at Bryant Street PS | Existing Condition | Bryant Street PS has a building footprint of approximately 38,000 square feet and has four levels. The windows and doors at Bryant Street PS were rehabilitated or replaced under Contract 010050 and the building is more energy efficient today. | 2006 | | Complete |
| 10 | Upgraded Energy Efficiency of Windows & Doors at Warehouse / Shops Building | Existing Condition | Warehouse / Shops Building has a building footprint of approximately 24,000 square feet and has two levels. The windows and doors at the Warehouse / Shops Building were rehabilitated or replaced under Contract 010050 and the building is more energy efficient today. | 2006 | | Complete |
| 11 | Install Water Conserving Devices in public housing developments | Existing Condition | DCHA will remove all sink faucets, water closets and shower heads and replace with new energy conserving fixtures in 41 public housing developments. | Fall 2010 | http://www.dchousing.org/default.asp?docID=237&Title=DISTRICT%20OF%20COLUMBIA%20HOUSING%20AUTHORITY%20AMERICAN%20RECOVERY%20AND%20REINVESTMENT%20ACT%20PUBLIC%20HOUSING%20CAPITAL%20FUNDING&PostDate=Friday,%20March%2027,%202009&Type=NEWS&TypeID=9&category=ABOUT%20DCHA&catID=5&topic=&topID= | In Progress |

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| 12 | Install energy efficient windows in public housing developments | Existing Condition | DCHA will remove existing single pane windows and replace with double pane with air gap to increase energy savings in 8 public housing developments | Fall 2009 | http://www.dchousing.org/default.asp?docID=237&Title=DISTRICT%20OF%20COLUMBIA%20HOUSING%20AUTHORITY%20AMERICAN%20RECOVERY%20AND%20REINVESTMENT%20ACT%20PUBLIC%20HOUSING%20CAPITAL%20FUNDING&PostDate=Friday,%20March%2027,%202009&TypeName=NEWS&TypeID=9&category=ABOUT%20DCHA&catID=5&topic=&topID= | Complete |
| 13 | Install Heat Exchangers in public housing developments | Existing Condition | DCHA will implement several Energy Conservation Projects including using heat recovery from chiller condenser water to preheat the domestic hot water supply in 7 public housing developments. This effort saves energy that would otherwise be needed to heat the water. | Fall 2009 | http://www.dchousing.org/default.asp?docID=237&Title=DISTRICT%20OF%20COLUMBIA%20HOUSING%20AUTHORITY%20AMERICAN%20RECOVERY%20AND%20REINVESTMENT%20ACT%20PUBLIC%20HOUSING%20CAPITAL%20FUNDING&PostDate=Friday,%20March%2027,%202009&TypeName=NEWS&TypeID=9&category=ABOUT%20DCHA&catID=5&topic=&topID= | Complete |
| 14 | Replace Boilers at existing public housing developments | Existing Condition | DCHA removes existing boilers and replaces them with energy saving boilers to increase energy savings at existing public housing developments. | | http://www.dchousing.org/default.asp?docID=237&Title=DISTRICT%20OF%20COLUMBIA%20HOUSING%20AUTHORITY%20AMERICAN%20RECOVERY%20AND%20REINVESTMENT%20ACT%20PUBLIC%20HOUSING%20CAPITAL%20FUNDING&PostDate=Friday,%20March%2027,%202009&TypeName=NEWS&TypeID=9&category=ABOUT%20DCHA&catID=5&topic=&topID= | Complete |
| 15 | Replace existing windows at Engine 6, 1300 New Jersey Avenue NW | Existing Condition | Replace all current windows with energy efficient windows. | Completed | | Complete |
| 16 | Develop LEED certified data center | Existing Condition | OCTO is pursuing LEED Silver certification for its data center buildout in the Unified Communications Center. | Winter 2009 | | Complete |
| 17 | Develop a Bellevue Small Area Plan | Plan | OP will develop a Plan that will describe how to achieve an enhanced, safe and walkable neighborhood comprised of quality housing for everyone, expanded retail choices, visual appeal, and resources that meet existing and future community needs in the Bellevue neighborhood. Implementation of the plan will provide energy efficiency and indoor air quality improvements for low-moderate income households and initiate the Healthy by Design "living index." | Summer 2009 | http://newsroom.dc.gov/show.aspx/agency/planning/section/2/release/16111/year/2009 | Complete |

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| 18 | Benchmark District Schools | Indicator | All DCPS buildings 10,000 square feet or more must be benchmarked and reported beginning in 2009 in coordination with the Clean & Affordable Energy Act of 2008. | | http://ddoe.dc.gov/ddoe/cwp/view,a,1209,q,499509.asp | |
| 19 | Develop Green/Sustainability Business Resources Website | Policy | DSLBD offers a website with links to information resources and partners that can help businesses green their operations, products, and/or services. | | http://dslbd.dc.gov/DC/DSLBD/Business+Resources/Green-Sustainability+Business+Resources | Complete/Ongoing |
| 20 | Improve DCPS through major retrofits and renovations | Existing Condition | Starting with high schools, DC is preparing to retrofit and update all DC schools, through HVAC systems, windows, lighting, internet systems, plumbing and electricity. All schools will eventually be made over to achieve at minimum, LEED Silver status. | 5 to 8 years | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | Ongoing |
| 21 | Construct Leadership in Energy and Environmental Design (LEED) Recreation Facilities | Policy | All new DPR facilities will be built to a minimum of LEED Silver Standards. | Ongoing | | In Progress |
| 22 | Develop a small business smart energy program | Policy | DDOE will contract for persons to perform energy audits for businesses and provide rebates for energy upgrades. | | http://ddoe.dc.gov/ddoe/cwp/view,a,1210,q,499138.asp | Complete |
| 23 | Energy Cap | Policy | DRES is upgrading the energy management software application to reflect funding changes in it's operating budget. In addition Electronic Data entry will be added to improve accuracy and invoice turn-around time | Fall 2011 | | In Progress |
| 24 | Collect accurate data on energy performance | Existing Condition | As a way to benchmark building performance and understand energy usage across public buildings, the district needs to collect reliable and accurate data on all building performance | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities_for_Energy_Improvement.pdf | |
| 25 | Find problem buildings or weaknesses | Existing Condition | Identify specific building problem areas through building condition assessments, submetering, energy audits, and permanent building monitoring systems | Fall 2011 | http://rrc.dc.gov/green/lib/green/pdfs/Pdf2-Opportunities_for_Energy_Improvement.pdf | |
| 26 | Upgrade 5 facilities for energy efficiency | Existing Condition | Based on energy audits conducted by PEPCO, these facilities will be upgraded for energy efficiency. | | | In Progress |
| 27 | Adopted LEED policy for new buildings and major renovations with a goal of Silver certification. | Policy | Improves performance of buildings to reduce energy and water use, use recyclable materials and other possible initiatives | | | Complete |
| 28 | Distribute Energy Kits to residents | Policy | DDOE will purchase energy saving materials such as caulking, weather stripping, energy efficient light bulbs as well as canvas bags to distribute to District residents. | | | Complete |

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| 29 | Expand Weatherization Assistance and Appliance Replacement for Income-Qualified Homes | Policy | DDOE provides free energy audits and will replace inefficient air conditioners or refrigerators with energy saving, Energy Star appliances in households that meet income qualifications to make homes more energy efficient. | 9/30/2009 | http://ddoe.dc.gov/ddoe/cwp/view,a,1209,q,492873.asp | Complete |
| 30 | Provide Free Home Energy Audits | Plan | DDOE provides free comprehensive energy audits to single family and rowhouses (condominium and cooperative apartments currently do not qualify). | 9/30/2009 | http://ddoe.dc.gov/ddoe/cwp/view,A,1209,Q,492901.asp | Complete/ Ongoing |
| 31 | Establish a Green Energy Web Portal | Policy | DDOE established Green Energy DC as a single portal to provide energy efficiency and renewable energy information for residents and businesses in the District. The site will include programs offered by DDOE, the to-be-formed Sustainable Energy Utility, electricity or natural gas companies, the federal government, and nonprofit entities. | 2008 | http://green.dc.gov/green/cwp/view,a,1244,q,461275.asp | Complete |
| 32 | Conduct Outreach to Faith Based Community | Policy | DDOE will reach out to the faith based community to encourage energy efficiency and environmental stewardship for congregation building and among members. | Fall 2009 | | Complete/ Ongoing |
| 33 | Implement the State Energy Program | Plan | DDOE is the state government manager for the U.S. Department of Energy's State Energy Program (SEP) to promote energy efficiency and conservation activities. In 2009 and 2010, significant new federal stimulus funding of more than \$22 million will be provided to expand SEP programs that create jobs, save energy and promote renewable energy. | Summer 2009 | http://www1.eere.energy.gov/wip/sep.html | Complete/ Ongoing |
| 34 | Provide Energy Audits to Faith-Based Community Facilities | Policy | DDOE will provide energy audits for facilities operated by the faith-based community to help them identify ways to conserve energy. | Fall 2009 | http://ddoe.dc.gov/ddoe/cwp/view,a,1209,q,492915.asp | Ongoing |
| 35 | Launch Energy Efficiency Retrofit Pilot Project | Plan | DHCD will partner with DDOE to offer low interest loans to low- and moderate-income households to implement needed energy efficiency retrofits identified through energy audits. | Summer 2009 | | No longer relevant |
| 36 | Program Building Management Controls | Existing Condition | These Building Management Systems (BMS), provide for automatic control of the various mechanical systems that operate within the infrastructure of a facility. Instead of a manual operation on a piece of equipment, you can now program that piece of equipment to turn on or off, partial load, etc and do this, given specific operating parameters. | Fall 2009 | http://dres.dc.gov/DC/DRES/Green+Initiatives/Smart+Buildings/Building+Management | Complete/ Ongoing |
| 37 | Provide Energy Audits for Large District Buildings | Policy | DRES will conduct energy audits for District buildings that are the largest consumers of energy and identify potential energy conservation measures and deficiencies in building operation and equipment. | Fall 2011 | | In Progress |
| 38 | Utilize Energy Star Portfolio Manager | Policy | OPM will rank the District's facilities' energy performance against commercial and industrial buildings using the ENERGY STAR Portfolio Manager. | Fall 2009 | http://opm.dc.gov/opm/cwp/view,a,1214,q,640769.asp | In Progress |

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| 39 | Conduct Condition Assessment | Policy | Conduct facility condition assessments to identify energy-related opportunities. Opportunities with highest level of return will be implemented using internal funds. Energy service companies (ESCO) may be used for other projects. | Fall 2009 | | Complete |
| 40 | Launch Microloan Program | Policy | DSLBD launched a microloan program at the end of 2008, which includes "energy-efficient improvements" as an eligible use of proceeds. | | http://newsroom.dc.gov/show.aspx/agency/olbd/section/2/release/15742 | Complete |
| VEHICLES | | | | | | |
| 1 | Offer commuter programs that encourage transit smart commuting options | Policy | The DCHR is working to offer personnel more options to lessen commuter impacts, such as: work from home, flexible work hours, car and van pools, bike access and pedestrian incentives. | Goals set for 2012 through 2050. | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |
| 2 | Offer commuter car share programs | Policy | The city is currently working with car share programs to make car sharing more visible, convenient and available through increasing parking spaces for car shares and providing more locations. | Goals set for 2020 and 2050 | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |
| 3 | Right sizing the police car fleet | Existing Condition | The police department is replacing large police cars with more appropriately sized vehicles that use less gasoline. | 2020 | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | |
| 4 | Electric vehicles in the city fleets | Policy | The District government is seeking to expand its electric car infrastructure and encourage agencies to include electric cars in its fleet. This includes building new charging stations at more locations throughout the city and replacing vehicles with electric cars. | | http://rrc.dc.gov/green/lib/green/pdfs/ClimateOfOpportunity_web.pdf | Ongoing |
| 5 | Purchase New Diesel/Hybrid Buses | Existing Condition | WMATA will purchase 45 diesel/hybrid buses, reducing fuel use and improve air quality. | 5/1/2009 | http://fastlane.dot.gov/2010/09/recover-act-helps-wmata-add-metrobuses-paratransit-and-new-bus-body-and-paint-shop.html | Complete/ Ongoing |
| 6 | Switch to Ultra-low Sulphur Fuels | Existing Condition | FEMS uses ultra-low sulfur fuels in all Fire and Emergency vehicles and majority of vehicles also use exhaust gas recirculation engines. | | | Complete/ Ongoing |
| 7 | Purchase B20 Equipment | Existing Condition | DPR will purchase athletic field maintenance equipment that is capable of running on B20 (fuel that is composed of 20 percent biodiesel). | Summer 2009 | | Upcoming |
| 8 | Reduce fuel consumption in MPD vehicles | Existing Condition | MPD is adopting initiatives to reduce vehicle fuel use. In first 5 months of FY09, MPD has used 57,000 less gallons of fuel which should project to a fiscal year reduction of 100,000 gallons. | Fall 2009 | | |
| 9 | Use hybrid vehicles | Policy | Use hybrid vehicles in the agency's fleet of police cruisers and inspection cars. | Fall 2009 | | Complete |
| 10 | Convert Large Vehicles to Biodiesel | Existing Condition | DPW will convert 802 ultra-low sulfur diesel-fueled vehicles to using B20 fuel. B20 is a fuel that is composed to 20 percent biodiesel and burns cleaner than all-petroleum diesel. | Summer 2009 | | Upcoming |

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| 11 | Purchase Alternative Fuel Vehicles | Existing Condition | The District has met its goal for 75 percent of future District-owned light vehicle purchases to be alternative fuel vehicles. All new fleet purchases made DPW are either alternative fuel vehicles or hybrid vehicles. | 2010 | http://dpw.dc.gov/DC/DPW/About+DPW/Who+We+Are/Fleet+Management/Fleet+Management | Complete/ Ongoing |
| 12 | Develop and Expand the DC Fleet Share Program | Existing Condition | DC Fleet Share is an innovative motor pool system, using the Zipcar model to reserve a vehicle for use. District employees can use DC Fleet Share vehicles during work hours to reach non-metro accessible sites instead of bringing their car from home. A user survey revealed that DC Fleet Share is bringing a higher level of reliability for access to a vehicle. | | http://newsroom.dc.gov/show.aspx/agency/ddoe/section/2/release/15254 | Complete/ Ongoing |
| 13 | Reduce District Fleet | Existing Condition | The District's light vehicle fleet was reduced by 360 vehicles or 17 percent. | | http://newsroom.dc.gov/show.aspx/agency/ddoe/section/2/release/15254 | Complete |
| 14 | Fire and EMS Apparatus | Existing Condition | FEMS support vehicles use flex fuels when available from the manufacturer. | Completed | | Complete/ Ongoing |
| 15 | Benning Rd SAP Housing Energy assistance | Plan | Actively promote Single Family Rehabilitation Loan Program. DHCD should consider expanding the program to allow homeowners to add simple exterior aesthetic or green building/energy efficiency improvements. | | http://planning.dc.gov/DC/Planning/In+Y our+Neighborhood/Wards/Ward+5/Benning+Road+Corridor+Redevelopment+Framework+Plan+Final+Plan | |
| 16 | Benning Rd SAP weatherization | Plan | Actively promote and expand weatherization program for low-moderate income households, to offer financial assistance in making homes more efficient and environmentally friendly, cutting monthly utility costs. | | http://planning.dc.gov/DC/Planning/In+Y our+Neighborhood/Wards/Ward+5/Benning+Road+Corridor+Redevelopment+Framework+Plan+Final+Plan | |
| 17 | Brookland SAP bury utilities | Plan | Engage Pepco and DDOT in discussions regarding the burying of utilities with new development. | | http://planning.dc.gov/DC/Planning/In+Y our+Neighborhood/Wards/Ward+5/Brookland+CUA+Metro+Station+Small+Area+Plan | |
| 18 | Deanwood SAP | Existing Condition | Sponsor a workshop that offers resources designed to support senior citizen and lower income homeowners in retaining their homes, including energy assistance and conservation programs such as the Low Income Home Energy Assistance Program. | 2011 | http://planning.dc.gov/DC/Planning/In+Y our+Neighborhood/Wards/Ward+7/Deanwood+Strategic+Development+Plan | Completed |
| 19 | Upper Georgia Ave SAP weatherization | Plan | Improve the promotion of existing District Government and non profit programs that will assist homebuyers in purchasing and maintaining their homes. These include: Homestead Deductions, Tax Credits, Weatherization and Energy Retrofits, Single Family Home Rehabilitation Program, First Time Homebuyer Assistance, and Housing Counseling. | N/A | http://planning.dc.gov/DC/Planning/In+Y our+Neighborhood/Wards/Ward+1/Small+Area+Plans+&+Studies/Mt+Pleasant+Re vialization+Council+Approved+Final+Plan | In Progress |

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| 20 | NSIP Pilot Energy conservation | Plan | Create energy audit and weatherization drives in the community. Organize “Energy Diet” programs / challenges. Promote a “Lights-Off!” initiative to encourage local institutions / residents to turn off non-essential lights. Conduct energy efficiency drives promoting EnergyStar appliances, CFLs, etc. Conduct green roof and cool roof drives for local businesses and institutions. | 2020 | http://www.sustainable-dc.com/documents/101130_NSIP_Overview_Final.pdf | Planned |
| 21 | NSIP Pilot increase renewable energy | Plan | Create energy co-ops to buy / install renewable energy solutions in the neighborhood residences and businesses. Organize a “Renewable Energy Sign-Up” drive. Organize and host neighborhood workshops about renewable energy products. | 2020 | http://www.sustainable-dc.com/documents/101130_NSIP_Overview_Final.pdf | Planned |
| 22 | Deanwood SAP energy efficiency | Plan | Develop strategies that help mitigate the environmental, economic, and social impacts of buildings so that they are energy efficient, sustainable, safe, cost-effective, accessible, healthy, and productive. | | http://planning.dc.gov/DC/Planning/In+Your+Neighborhood/Wards/Ward+7/Deanwood+Strategic+Development+Plan | |